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UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

|                        |   |
|------------------------|---|
| Attorney Docket No.    | PET-2138  |
| First Inventor         | Christophe BOYER et al.   |
| Title                  | IMPROVED DEVICE FOR MIXING AND DISTRIBUTING A GAS PHASE AND A LIQUID PHASE SUPPLIED TO A GRANULAR BED |
| Express Mail Label No. |   |

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages 19]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [Total Sheets 5]
5. Oath or Declaration [Total Pages 3]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)
    - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76

|  |  |  |
|--|--|--|
| ADDRESS TO:  |  | Assistant Commissioner for Patents<br>Box Patent Application<br>Washington, DC 20231 |
| 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  |  | 10/15/827 U.S.P.T.O. 00746   |
| 8. Nucleotide and/or Amino Acid Sequence Submission<br>(if applicable, all necessary)  |  |  |
| a. <input type="checkbox"/> Computer Readable Form (CRF)   |  |  |
| b. Specification Sequence Listing on:  |  |  |
| i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or  |  |  |
| ii. <input type="checkbox"/> paper   |  |  |
| c. <input type="checkbox"/> Statements verifying identity of above copies  |  |  |
| ACCOMPANYING APPLICATIONS PARTS  |  |  |
| 9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))  |  |  |
| 10. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement <input type="checkbox"/> Power of<br>(when there is an assignee) Attorney                    |  |  |
| 11. <input type="checkbox"/> English Translation Document (if applicable)  |  |  |
| 12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS<br>Citations            |  |  |
| 13. <input checked="" type="checkbox"/> Preliminary Amendment  |  |  |
| 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br>(Should be specifically itemized)  |  |  |
| 15. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s)<br>(if foreign priority is claimed)                                     |  |  |
| 16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122<br>(b)(2)(B)(i). Applicant must attach form PTO/SB/35<br>or its equivalent. |  |  |
| 17. <input type="checkbox"/> Other: _____  |  |  |

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation  Divisional  Continuation-in-part (CIP)

of prior application No: \_\_\_\_\_ / \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

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or  Correspondence address below

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|---------|-----------|----------|-----|
| Name    |           |          |     |
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| City    | State     | Zip Code |     |
| Country | Telephone |          | Fax |

|                   |   |                                   |               |
|-------------------|---|-----------------------------------|---------------|
| Name (Print/Type) | I. William Millen   | Registration No. (Attorney/Agent) | 19,544        |
| Signature         |  | Date                              | April 2, 2004 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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# FEE TRANSMITTAL for FY 2003

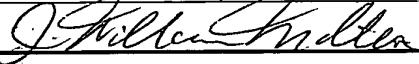
Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 770)

| Complete if Known    |                         |
|----------------------|-------------------------|
| Application Number   | Unassigned              |
| Filing Date          | April 2, 2004           |
| First Named Inventor | Christophe BOYER et al. |
| Examiner Name        | Unassigned              |
| Group / Art Unit     | Unassigned              |
| Attorney Docket No.  | PET-2138                |

| METHOD OF PAYMENT (check one)   |                       |                 |                       |  | FEE CALCULATION (continued)  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
|---|-----------------------|-----------------|-----------------------|--|--|----------------------|-----------------|------|----|----------|-----------------------|----------|-----------------------|-----------------|----------|------|------|------|------|-------------------------------------|----|------|----|------|----|---|--|------|-----|------|-----|---------------------------|--|------|-------|------|-------|--|--|------|------|------|------|--|--|------|--------|------|--------|---|--|------|-----|------|----|--|--|------|-----|------|-----|---|--|------|-----|------|-----|--|--|------|-------|------|-----|---|--|------|-------|------|-----|--|--|------|-----|------|-----|------------------|--|------|-----|------|-----|--|--|------|-----|------|-----|---------------------------|--|------|-------|------|-------|---|--|------|-----|------|----|----------------------------------|--|------|-------|------|-----|------------------------------------|--|-----|-------|-----|-----|--------------------------------|--|------|-----|------|-----|------------------|--|------|-----|------|-----|-----------------|--|------|-----|------|-----|-------------------------------|--|------|-----|------|-----|---|--|------|-----|------|-----|---|--|------|----|------|----|--|--|------|-----|------|-----|---|--|------|-----|------|-----|--|--|------|-----|------|-----|---|--|------|-----|------|-----|---|--|---------------------------|--|--|--|--|--|-----------------------------------|--|--|--|--|---------------------|
| <p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number <input type="text" value="13-3402"/></p> <p>Deposit Account Name <input type="text" value="Millen, White, Zelano &amp; Branigan, P.C."/></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> |                       |                 |                       |  | <p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>1252</td><td>410</td><td>2252</td><td>205</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>930</td><td>2253</td><td>465</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1,450</td><td>2254</td><td>725</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>1,970</td><td>2255</td><td>985</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>320</td><td>2401</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>320</td><td>2402</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>280</td><td>2403</td><td>140</td><td>Petition for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive – unavoidable</td><td></td></tr> <tr><td>1453</td><td>1,300</td><td>2453</td><td>650</td><td>Petition to revive – unintentional</td><td></td></tr> <tr><td>142</td><td>1,300</td><td>242</td><td>650</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td>470</td><td>2502</td><td>235</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>630</td><td>2503</td><td>315</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>130</td><td>1807</td><td>130</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809</td><td>750</td><td>2809</td><td>375</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>750</td><td>2810</td><td>375</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>750</td><td>2801</td><td>375</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="6">Other fee (specify) _____</td></tr> <tr> <td colspan="5">*Reduced by Basic Filing Fee Paid</td> <td>SUBTOTAL (3) (\$ 0)</td> </tr> </tbody> </table> |                      |                 |      |    | Fee Code | Large Entity Fee (\$) | Fee Code | Small Entity Fee (\$) | Fee Description | Fee Paid | 1051 | 130  | 2051 | 65   | Surcharge - late filing fee or oath |    | 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet. |  | 1053 | 130 | 1053 | 130 | Non-English specification |  | 1812 | 2,520 | 1812 | 2,520 | For filing a request for reexamination |  | 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action |  | 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action |  | 1251 | 110 | 2251 | 55 | Extension for reply within first month |  | 1252 | 410 | 2252 | 205 | Extension for reply within second month |  | 1253 | 930 | 2253 | 465 | Extension for reply within third month |  | 1254 | 1,450 | 2254 | 725 | Extension for reply within fourth month |  | 1255 | 1,970 | 2255 | 985 | Extension for reply within fifth month |  | 1401 | 320 | 2401 | 160 | Notice of Appeal |  | 1402 | 320 | 2402 | 160 | Filing a brief in support of an appeal |  | 1403 | 280 | 2403 | 140 | Petition for oral hearing |  | 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding |  | 1452 | 110 | 2452 | 55 | Petition to revive – unavoidable |  | 1453 | 1,300 | 2453 | 650 | Petition to revive – unintentional |  | 142 | 1,300 | 242 | 650 | Utility issue fee (or reissue) |  | 1502 | 470 | 2502 | 235 | Design issue fee |  | 1503 | 630 | 2503 | 315 | Plant issue fee |  | 1460 | 130 | 1460 | 130 | Petitions to the Commissioner |  | 1807 | 130 | 1807 | 130 | Petitions related to provisional applications |  | 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt |  | 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) |  | 1809 | 750 | 2809 | 375 | Filing a submission after final rejection (37 CFR § 1.129(a)) |  | 1810 | 750 | 2810 | 375 | For each additional invention to be examined (37 CFR § 1.129(b)) |  | 1801 | 750 | 2801 | 375 | Request for Continued Examination (RCE) |  | 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application |  | Other fee (specify) _____ |  |  |  |  |  | *Reduced by Basic Filing Fee Paid |  |  |  |  | SUBTOTAL (3) (\$ 0) |
| Fee Code  | Large Entity Fee (\$) | Fee Code        | Small Entity Fee (\$) | Fee Description  | Fee Paid   |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| 1051  | 130                   | 2051            | 65                    | Surcharge - late filing fee or oath  |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| 1052  | 50                    | 2052            | 25                    | Surcharge - late provisional filing fee or cover sheet.                    |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| 1053  | 130                   | 1053            | 130                   | Non-English specification  |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| 1812  | 2,520                 | 1812            | 2,520                 | For filing a request for reexamination                                     |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| 1804  | 920*                  | 1804            | 920*                  | Requesting publication of SIR prior to Examiner action                     |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| 1805  | 1,840*                | 1805            | 1,840*                | Requesting publication of SIR after Examiner action                        |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| 1251  | 110                   | 2251            | 55                    | Extension for reply within first month                                     |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| 1252  | 410                   | 2252            | 205                   | Extension for reply within second month                                    |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| 1253  | 930                   | 2253            | 465                   | Extension for reply within third month                                     |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| 1254  | 1,450                 | 2254            | 725                   | Extension for reply within fourth month                                    |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| 1255  | 1,970                 | 2255            | 985                   | Extension for reply within fifth month                                     |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| 1401  | 320                   | 2401            | 160                   | Notice of Appeal   |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| 1402  | 320                   | 2402            | 160                   | Filing a brief in support of an appeal                                     |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| 1403  | 280                   | 2403            | 140                   | Petition for oral hearing  |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| 1451  | 1,510                 | 1451            | 1,510                 | Petition to institute a public use proceeding                              |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| 1452  | 110                   | 2452            | 55                    | Petition to revive – unavoidable   |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| 1453  | 1,300                 | 2453            | 650                   | Petition to revive – unintentional   |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| 142   | 1,300                 | 242             | 650                   | Utility issue fee (or reissue)   |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| 1502  | 470                   | 2502            | 235                   | Design issue fee   |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| 1503  | 630                   | 2503            | 315                   | Plant issue fee  |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| 1460  | 130                   | 1460            | 130                   | Petitions to the Commissioner  |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| 1807  | 130                   | 1807            | 130                   | Petitions related to provisional applications                              |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| 1806  | 180                   | 1806            | 180                   | Submission of Information Disclosure Stmt                                  |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| 8021  | 40                    | 8021            | 40                    | Recording each patent assignment per property (times number of properties) |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| 1809  | 750                   | 2809            | 375                   | Filing a submission after final rejection (37 CFR § 1.129(a))              |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| 1810  | 750                   | 2810            | 375                   | For each additional invention to be examined (37 CFR § 1.129(b))           |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| 1801  | 750                   | 2801            | 375                   | Request for Continued Examination (RCE)                                    |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| 1802  | 900                   | 1802            | 900                   | Request for expedited examination of a design application                  |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| Other fee (specify) _____   |                       |                 |                       |  |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| *Reduced by Basic Filing Fee Paid   |                       |                 |                       |  | SUBTOTAL (3) (\$ 0)  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| 2. EXTRA CLAIM FEES   |                       |                 |                       |  |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| Total Claims  | 14                    | -20**           | = 0                   | Extra Claims   | Fee from below   | Fee Paid             |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| Independent Claims  | 1                     | -3**            | = 0                   | X  | = 0  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| Multiple Dependent  |                       |                 |                       | X  | = 0  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Entity Fee Code (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td></tr> <tr><td>1201</td><td>84</td><td>2201</td></tr> <tr><td>1203</td><td>280</td><td>2203</td></tr> <tr><td>1204</td><td>84</td><td>2204</td></tr> <tr><td>1205</td><td>18</td><td>2205</td></tr> </tbody> </table>   |                       |                 |                       |  | Large Entity Fee Code (\$)   | Entity Fee Code (\$) | Fee Description | 1202 | 18 | 2202     | 1201                  | 84       | 2201                  | 1203            | 280      | 2203 | 1204 | 84   | 2204 | 1205                                | 18 | 2205 |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| Large Entity Fee Code (\$)  | Entity Fee Code (\$)  | Fee Description |                       |  |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| 1202  | 18                    | 2202            |                       |  |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| 1201  | 84                    | 2201            |                       |  |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| 1203  | 280                   | 2203            |                       |  |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| 1204  | 84                    | 2204            |                       |  |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
| 1205  | 18                    | 2205            |                       |  |  |                      |                 |      |    |          |                       |          |                       |                 |          |      |      |      |      |                                     |    |      |    |      |    |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |      |        |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                           |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |     |       |     |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |     |      |     |   |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |                     |
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